

# Regional Basemap Committee

## Minutes

**WEDNESDAY ~ MARCH 26, 2014 ~ 2:00 P.M.**  
**WASHOE COUNTY ADMINISTRATION**  
**ENGINEERING CONFERENCE ROOM**  
**1001 EAST NINTH STREET, RENO, NEVADA**

## MEMBERS

Gary Beekman, Chair  
Valerie Johnson, Vice-chair  
Neil Bandettini  
Doug Campbell  
Matt Gingerich  
Mike Gump  
John Martini  
Rebecca Reid

### **1. CALL TO ORDER AND ROLL CALL [Non-action item]**

Chair Beekman called the meeting to order at 2:00 p.m. A quorum was established.

**PRESENT:** Neil Bandettini, Gary Beekman, Doug Campbell, Matt Gingerich, Mike Gump, Valerie Johnson, and Rebecca Reid.

**ABSENT:** John Martini.

Legal counsel was not present at this meeting.

### **2. PUBLIC COMMENTS [Non-action item]**

There were no public comments.

### **3. APPROVAL OF FEBRUARY 11, 2014, MEETING MINUTES [For possible action]**

*It was moved by Chair Beekman, seconded by Member Gump, to approve the February 11, 2014, minutes, as submitted. The motion carried: Members Bandettini, Campbell, Gingerich, Gump, Johnson, Reid and Chair Beekman assenting; and Member Martini absent.*

### **6. PICTOMETRY DELIVERY UPDATE [For possible action] – A review, discussion and possible action to approve, deny or otherwise modify authorization to make payment for the 2013 Pictometry. [Taken out of agenda order]**

Gary Beekman – Washoe County Technology Services, provided an overview of the agenda item noting that the intent is to seek feedback and authorization to pay the invoice.

Member Johnson noted that for the City of Reno purposes the color balances are fine although there were some concerns about the vegetation, which were somewhat off.

Chair Beekman noted that a QC (Quality Control) check had identified some variation in the X and Y coordinates and that on average the overall product looked good. Chair Beekman noted that Washoe County staff had voiced some concerns about the Red Rock Road area and that there had not been a response to his query about edge matching.

Member Reid commented that the dense vegetation cover made it difficult to identify NV Energy's assets.

## *Regional Basemap Committee – Minutes*

March 26, 2014

Page 2 of 6

Chair Beekman commented that there had not been an intent to have a late start on the flights and that there appeared to be some confusion about when the flights were actually done as one showed snow inside the McCarran Loop in late June (2013).

Eric Butler – Pictometry, noted that there had been some miscommunication with the pilots who had left areas before completing the flight lines and that this error lay solely with Pictometry. Additionally there were some resource issues encountered in not having the proper aircraft for the AccuPlus and Lidar equipment. Typically, most flights in the State of Nevada are for the standard orthophoto product.

Chair Beekman explained that he had been questioned about refusing to pay the invoice, which was discussed with legal counsel. The response indicates that there had to be a notice of alleged defect resulting in the withholding of payment that could be subject to a legal challenge depending on the outcome of an analysis of alleged defect. Chair Beekman noted that contract indicated that flights should occur before leaf coverage reached 30-percent. Chair Beekman commented that he had not had any response from the Washoe County Assessor's Office.

Mr. Butler commented that the images reflected what was captured and modified to the extent possible for color balance and positional accuracy. Mr. Butler asked the board what actions they felt were required of Pictometry to address the two (2) errors previously identified and explained that he would make take those suggestions to Pictometry for review and possible acceptance, since he is not authorized to make such a decision.

The discussion identified the following suggested remedies, including, but not limited to: 1) negotiation of a partial cost reduction; 2) additional components at no charge; and/or 3) other potential resolutions.

***It was moved by Chair Beekman, seconded by Member Gingerich, to postpone payment until April 2014 (date to be determined) to allow an opportunity to negotiate a cost reduction, additional deliverables or other coverage resolutions. The motion carried: Members Bandettini, Campbell, Gingerich, Gump, Johnson, Reid and Chair Beekman assenting; and Member Martini absent.***

Chair Beekman noted that the product could not be distributed until payment was made to Pictometry.

4. **UNR (University of Nevada, Reno) SEISMOLOGY LAB REQUEST** [For possible action] – *A review, discussion and possible action to approve, deny or otherwise modify a request from the UNR Seismology lab for the new Lidar dataset.*

Graham Kent – UNR (University of Nevada, Reno) Seismology, narrated a PowerPoint ® presentation (Copy on file) showing the various Lidar Maps of Washoe County Fault Line including the Lake Tahoe area. Mr. Kent drew attention to a variety of views and contours and suggested that perhaps the Basemap Committee and UNR could share data. Mr. Kent noted that the leaf coverage

## *Regional Basemap Committee – Minutes*

March 26, 2014

Page 3 of 6

shown in the most recent data being discussed under agenda item 4 could perhaps be of use as it defines area of dense fuels. Mr. Kent noted that the Lidar data looks “great”.

During the discussion it was noted that earthquake fault maps are generally seen as beneficial information and that the data provided by Lidar indicates faults that are not readily apparent to the human eye. Other discussion pointed out that the demonstration shown by Mr. Kent was a bare earth model that allows a view of bare earth. It was pointed out that the Lidar data also suggests that landslides similar to that in Washington State recently have occurred in the region previously.

***It was moved by Chair Beekman, seconded by Member Johnson, to reopen agenda item 6. The motion carried: Members Bandettini, Campbell, Gingerich, Gump, Johnson, Reid and Chair Beekman assenting; and Member Martini absent.***

- 6. PICTOMETRY DELIVERY UPDATE** [For possible action] – *A review, discussion and possible action to approve, deny or otherwise modify authorization to make payment for the 2013 Pictometry.* [Reopened]

***It was moved by Chair Beekman, seconded by Member Gump, to: 1) Postpone payment on the Pictometry segment of the project until April 2014 (date to be determined) to allow an opportunity to negotiate a cost reduction, additional deliverables or other coverage resolutions; and 2) authorize payment on the Lidar portion of the product.***

Responding to Member Reid’s inquiry about the cost for the Lidar component, Chair Beekman explained that he believes the amount to be \$37,000.00, and is a separate line item on the invoice.

***The motion carried: Members Bandettini, Campbell, Gingerich, Gump, Johnson, Reid and Chair Beekman assenting; and Member Martini absent.***

- 4. UNR (University of Nevada, Reno) SEISMOLOGY LAB REQUEST** [For possible action] – *A review, discussion and possible action to approve, deny or otherwise modify a request from the UNR Seismology lab for the new Lidar dataset.* [reopened]

***It was moved by Chair Beekman, seconded by Member Gump, to authorize the sharing of Lidar data with the UNR (University of Nevada, Reno) Seismology Laboratory to: 1) do work and analysis with the data; and 2) work with UNR to develop a data sharing agreement.***

During the discussion it was noted that an updated fault map based on Lidar data would be provided in the 3D format and that there is a wide array of Lidar Data products that may be beneficial. Also, UNR could provide the Regional Basemap Committee members with a map viewer for looking at the bare earth model in 3D. Other discussion noted that UNR staff would be willing to accompany Regional Basemap Committee members on a field trip using GPS (Global Positioning System) devices to locate specific faults. As the discussion continued, it was noted that this is a step forward in hazard analysis given the amount of leaf cover. Other discussion focused on possible issues that may arise should fault lines be identified in some of the region’s older subdivisions. It was suggested that historically there is not any significant concern when fault lines are identified much as is the case

## *Regional Basemap Committee – Minutes*

March 26, 2014

Page 4 of 6

when FEMA (Federal Emergency Management Agency) redraws flood plain maps. As the discussion continued, it was emphasized that UNR would provide updates on intended uses of the Lidar data provided by the Regional Basemap Committee and that the data sharing agreement would be brought back to the committee for review.

***Chair Beekman amended the motion by adding that Washoe County staff would work with UNR (University of Nevada, Reno) to develop a Data Sharing agreement that is brought back to the Regional Basemap Committee for approval. Member Gump amended the second. The motion carried: Members Bandettini, Campbell, Gingerich, Gump, Johnson, Reid and Chair Beekman assenting; and Member Martini absent.***

**5. CONNECT NEVADA DATA REQUEST [For possible action] – *A review, discussion and possible action to approve, deny or otherwise modify a data request for current parcel and Lidar data from Connect Nevada.***

Lindsay Harmon – Connect Nevada, provided an overview of the Broadband mapping work being done by Connect Nevada. Ms. Harmon noted that in the early 1990's the FCC (Federal Communications Commission) had started an initiative to provide telephone service nationwide. More recently the FCC has determined that the internet is the next generation of telecommunications and is also working on providing an interoperable communications ability for the nation's first responders and dispatch centers. Another aspect of internet capabilities is the ability to share and exchange data such as medical information among and between medical providers/facilities. Ms. Harmon noted that broadband is not regulated by the Nevada PUC (Public Utilities Commission) and that the mapping being done included proprietary information from various providers that have a non-disclosure agreement and cannot be shared. Ms. Harmon then explained that to continue receiving federal and state funding Connect Nevada is required to identify matching funds, either in the form of a monetary match or in this case the provision of data such as can be provided by the Regional Basemap Committee. Ms. Harmon believes that there will be a legislative push in 2015 to budget Connect Nevada which will enable the continued mapping of broadband in Washoe County. Ms. Harmon then explained the mapping process showing the point of presence and terminus (house or other business/residential development). Ms. Harmon pointed out that the middle mile information cannot be shared and that there is a requirement for rural hospitals to be connected by 2026. Ms. Harmon noted that the provision of Lidar Data has a high cost value in terms of the matching funds needed to continue operations.

There was some discussion about whether the parcel data would be an appropriate starting point. As the discussion continued, it was pointed out that Connect Nevada could facilitate a dialogue with certain providers for access to non-disclosure documents. Discussion then pointed out that there are some aspects of NV Energy Operations that is covered by Homeland Security and could not be made available to the public. Discussion then turned to whether the broadband mapping would identify "hidden residential units". It was explained that the last mile data might provide additional information for 911 Dispatch Services if such structures can be or are identified in the broadband mapping process. As the discussion continued, it was explained that the FCC is focused on unserved blocks and has allocated funding for service in what would otherwise be a high cost service area. It was emphasized that the broadband data collected thus far is the property of the State of Nevada and that

## *Regional Basemap Committee – Minutes*

March 26, 2014

Page 5 of 6

should Connect Nevada not reach its funding requirement unused and/or unmatched funds would have to be relinquished to the State.

***It was moved by Chair Beekman, seconded by Member Johnson, to continue consideration of this agenda item until the next meeting (date to be announced). The motion carried: Members Bandettini, Campbell, Gingerich, Gump, Johnson, Reid and Chair Beekman assenting; and Member Martini absent.***

### **7. ELEVATION DATA SALES** [For possible action] – *A review, discussion and possible action to approve, deny or otherwise modify the sale costs of the new Lidar Data Set.*

Gary Beekman – Washoe County Technology Services, provided a handout (copy on file) detailing the pricing for contour and Lidar data. Chair Beekman explained that there would be tiered rates for the Lidar Data either as a whole at \$3,600.00 or smaller areas ranging from \$200.00 to \$500.00 as is shown on the map (copy on file). Chair Beekman noted that the Lidar is the entire point data base (in LAS file format) that can have information removed that is not wanted by the end user.

***It was moved by Chair Beekman, seconded by Member Gingerich, to approve the pricing as presented.***

Member Reid suggested that the number areas be identified with a locational name such as North of the McCarran Loop, North Valleys or South Washoe Lake.

Eric Sheetz drew attention to a small unnamed/numbered area between areas 44 and 65.

Chair Beekman stated that this small area will be incorporated into either area 65 or area 61 on the map.

***The motion carried: Members Bandettini, Campbell, Gingerich, Gump, Johnson, Reid and Chair Beekman assenting; and Member Martini absent.***

### **8. SUBCOMMITTEE UPDATE** [For possible action] – *A review, discussion and possible action to approve, deny to otherwise modify recommendations of the Subcommittee.*

Gary Beekman – Washoe County Technology Services, noted that the Subcommittee had met this past week (March 17 through 21, 2014) and the discussion focused on the history of the committee. At the next meeting the subcommittee hopes to develop a list of topics to be considered and covered.

No specific action was taken.

### **9. PUBLIC COMMENT** [Non-action item]

There were no public comments.

### **10. ADJOURNMENT** [Non action item]

*Regional Basemap Committee* – Minutes

March 26, 2014

Page 6 of 6

Chair Beekman adjourned the meeting at 3:13 p.m.

**AS APPROVED BY THE REGIONAL BASEMAP COMMITTEE IN SESSION ON APRIL 23, 2014.**